

Serial No. 09/985,905  
Amdt. dated **November 30, 2004**  
Reply to Office Action of September 7, 2004

Docket No. MRE-0037

**Amendments to the Specification:**

*Please replace the paragraph on page 1, line 17 through page 2, line 9 with the following amended paragraph:*

Generally, a fingerprint recognizing device is a device which generates and outputs an image of a fingerprint formed on a finger of a person as an optical image. As disclosed in the Korean Patent Application No. 1998-0036742 "Contact light emitting device and fabricating method therefore and contact input apparatus using the same" and as shown in Fig. 1, the fingerprint recognizing device includes a transparent electrode layer 2 to which one terminal of an AC power source is connected, a light emitting layer 3 formed on the transparent electrode layer 2 and forming an electric field between the transparent electrode layer 2 and a finger 10 forming a ground contact when being contacted with the finger 10 and emitting light by this electric ~~field~~ field for generating an optical fingerprint image according to ridge lines 10a of a fingerprint image formed on the finger 10, and a transparent insulating layer 1 formed at the bottom of the transparent electrode layer 2 and for transmitting the optical image generated from the light emitting layer 3.

*Please replace the paragraph on page 3, line 11 through line 27 with the following amended paragraph:*

To achieve the above object, there is provided a fingerprint recognizing device comprising: a transparent electrode layer to which one terminal of an AC power source is

connected; a light emitting layer formed on the transparent electrode layer and forming an electric field between the transparent electrode layer and a finger forming a ground contact when being contacted with the finger and emitting light by this electric ~~field~~-field for generating an optical fingerprint image according to ridge lines of a fingerprint image formed on the finger; a plurality of patterned floating electrodes arranged on the surface of the light emitting layer at a predetermined interval and turned on/off to output the optical fingerprint image; and a transparent insulating layer formed at the bottom of the transparent electrode layer and for transmitting the optical image generated from the light emitting layer.

*Please replace the paragraph on page 5, line 14 through page 6, line 4 with the following amended paragraph:*

As illustrated in Figs. 2 and 3, the fingerprint recognizing device according to the present invention includes: a transparent electrode layer 2 to which one terminal of an AC power source is connected; a light emitting layer 3 formed on the transparent electrode layer 2 and forming an electric field between the transparent electrode layer 2 and a finger 10 forming a ground contact when being contacted with the finger 10 and emitting light by this electric ~~field~~-field for generating an optical fingerprint image according to ridge lines 10a of a fingerprint image formed on the finger 10; a plurality of patterned floating electrodes 11 arranged on the surface of the light emitting layer 3 at a predetermined interval and turned on/off to output the optical

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fingerprint image and a transparent insulating layer 1 formed at the bottom of the transparent electrode layer 2 and for transmitting the optical image generated from the light emitting layer 3.